

## Math 105- Elementary Functions of Calculus

1.1-1.4, 2.1	Introduction to Graphing-Functions and Graphs- Linear functions, slope, equations and applications	Jun 14
1.5-1.7	Properties of functions- Symmetry and Transformations	Jun 16
2.2-2.4	Complex numbers-Quadratics-Graphing quadratics	Jun 18
2.5-2.6, 3.1-3.2	More equation solving, linear inequalities- Polynomials	Jun 21
3.3-3.5	Polynomials-Rationals	Jun 23
3.6-3.7	Polynomial and Rational Inequalities/ Variation and Review for Exam 1	Jun 25
<b>Exam 1</b>	<b>Chapter 1-3 and 4.1</b>	<b>Jun 28</b>
4.2-4.6	Inverses- Exponentials and Logarithms	Jun 30
5.1-5.2	Trig functions of acute angles- Applications of right triangles	Jul 2
5.3-5.4	Trig functions of any angles- Radians, Arc Length and Angular Speed	Jul 5
5.5-5.6	Circular Functions- Graphs of Transformed Sine and Cosine	Jul 7
	Catch up and Exam Review for Chapters 4-5	Jul 9
<b>Exam 2</b>	<b>Chapters 4-5</b>	<b>Jul 12</b>
6.1-6.2	Identities	Jul 14
6.3-6.4	Identities- Inverse Trig Functions	Jul 16
6.5, 7.1-7.2	Solving Trig Equations - Law of Sines, Law of Cosines	Jul 19
7.5-7.6, 8.1-8.2	Vectors- Systems of Linear Equations	Jul 21
9.4, 8.8	Systems of Non-linear Equations- Partial Fraction Decomposition	Jul 23
<b>Exam 3</b>	<b>Exam Review for Chapters 6, Parts of 7,8, and 9.4 and Chapters 6,Parts of 7,8, and 9.4</b>	<b>Jul 26</b>
9.1-9.2	Parabolas- Circles and ellipses	Jul 28
9.3	Hyperbolas	Jul 30
	Final Exam Review	Aug 2,4
<b>Final Exam</b>	<b>Comprehensive Final Exam You must be here on this date at this time, NO EXCEPTIONS</b>	<b>Aug 6</b>